

ROZENTAL', Ye. O.

Heat- and Mass-Transfer in the Pseudo-liquid State

Akademiya nauk SSSR. Energeticheskii institut

Teplo- i massoobmen v protsessakh ispareniya (Heat- and Mass-Transfer in Evaporation Processes) Moscow, Izd-vo AN SSSR, 1958. 254p. 5,000 copies printed.

RUSSIAN, ie. U.

"Investigation of the Process of Drying Gelatine." Cand Tech Sci, Moscow
Technological Inst of the Food Industry, Min Higher Education, Moscow, 1955.
(KL, No 10, Mar 55)

So: Sum. No 670, 29 Sept 55 - Survey of Scientific and Technical Dissertations
Defended at USSR Higher Educational Institutions (15)

KERBNIKOV, F.I., kand.tekhn.nauk; ROZENTAL', Yu.D., inzh.

Magnetic units in automation and computer techniques;
scientific and technological conference at Erevan'.
Vest. AN SSSR 34 no. 1:107-108 Ja '64. (MIRA 17:5)

ROZENBLAT, M.A., doktor tekhn. nauk, otv. red.; BOYARCHENKOV, M.A.,
kand. tekhn. nauk, red.; KERENIKOV, F.I., red.; ROZENTAL',
Yu.D., inzh., red.

[Magnetic analog elements] Magnitnye analogovye elementy.
Moskva, Nauka, 1965. 226 p. (MIRA 18:3)

1. Moscow. Institut avtomatiki i telemekhaniki.

ROZENBLAT, M.A.; ROZENTAL', Yu.D.

Law of optimum magnetic reversal of ferromagnetic cores with a rectangular hysteresis loop, i.e., keeping losses at a minimum. Dokl. AN SSSR 153 no.1:90-92 N '63.

(MIRA 17:1)

1. Institut avtomatiki i telemekhaniki AN SSSR. Predstavleno akademikom B.N. Petrovym.

ACCESSION NR: AP4036515

S/0103/64/025/005/0712/0717

AUTHOR: Rozenblat, M. A. (Moscow); Rozental', Yu. D. (Moscow)

TITLE: Dynamic characteristics of square-loop ferrite cores magnetized by a sinusoidal voltage

SOURCE: Avtomatika i telemekhanika, v. 25, no. 5, 1964, 712-717

TOPIC TAGS: ferrite, ferrite core, square loop ferrite, square loop ferrite characteristics, sinusoidal voltage magnetized ferrite

ABSTRACT: The processes transpiring in square-loop ferrite cores when the magnetic flux reverses in symmetrical cycles approaching a limit condition under the action of a sinusoidal voltage are considered. The transition from the core state $-B_m$ to the state $+B_m$ via a dynamic initial flux B_{Δ} is considered in physical terms and is connected with the formula of Shamayev, et al. (Nauchn. dokl. vyssh. shkoly. Elektromekhanika i avtomatika, no. 1, 1959) for the maximum

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Card 1/2

ROZENBLAT, M.A. (Moskva); ROZENTAL', Yu.D. (Moskva)

Dynamic characteristics of ferrite cores with rectangular hysteresis loops during remagnetization with a sinusoidal voltage. Avtom. i telem. 25 no.5:712-717. My '64.

(MIRA 17:9)

ROZENTAL', Yu.D. (Moskva)

Conditions of most efficient magnetic polarity reversal in
cores with rectangular hysteresis loops during a given time
interval. Avtom. i telem. 24 no.11:1565-1572 N '63.

(MIRA 16:12)

caused by a local deflection in hoists of motor and electric loaders. Izv. vuz. mekh. 10 no.5:525-546 '84. (NPIA 17:10)

1. University of Cambridge university.

L 16101-66 EWA(h)/EWP(k)/EWT(d)/EWT(m)/ETC(m)-s/EWP(w)/EWT(v) - LTP(c) - H/EM

ACC NR: AT6003597

SOURCE CODE: UR/3185/65/000/001/0076/0088

AUTHOR: Fleyshman, N. P.; Rozental', Yu. H. - Rozental', Yu. G.

ORG: none

TITLE: The stress state of an open thin-walled structure made of plates and shells

SOURCE: L'vov. Universitet. Visnyk. Seriya mekhaniko-matematychna,
no. 1, 1965, 76-88

TOPIC TAGS: elasticity, elastic stress, elastic deformation, shell structure, thin
shell structure, *linear equation, aerospace structure*

ABSTRACT: The paper presents the solution to the problem of bending of a thin-walled structure made of three strips and two quarter-circle cylindrical shells of infinite length. For arbitrary loads, the stress-strain state of the structure is described by general linear equations of the thin plate bending theory, the plane problem of the elasticity theory, and the engineering theory of shells. The boundary conditions at the lines of junction between the plates and shells are used for the determination of constants entering into the general solutions of the respective equations. The development of the theory is complemented by a list of values of certain auxiliary functions. The theory is
Card 1/2

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ACC NR: AT6003597

applied to the cases of C and I shaped structures. The solutions may be used for the study of stresses in longerons of mobile freight elevators and other load carrying elements. Orig. art. has: 65 formulas, 4 figures, and 1 table.

SUB CODE: 20, 12 / SUBM DATE: none / ORIG REF: 006

Card 2/2

ROZENTAL', Yu.G.; MARKOVSKAYA, Ye.V.; KOYCHU, L.S.

Determining the pressure on the supports of agricultural loaders
with a swinging boom. Trakt. i sel'khoz mash. 33 no.4:19-23 Ap '63.
(MIRA 16:10)

1. Gosudarstvennoye spetsial'noye konstruktorskoye byuro po
avtopogruzchikam pri L'vovskom sovete narodnogo khozyaystva.
(Loading and unloading) (Agricultural machinery)

CHUGAY, Aleksandr Maksimovich, starshiy nauchnyy sotrudnik; SAVRANCHUK, Petr Terent'yevich; BABENKO, Nikolay Vasil'yevich; ROZENTAL', Yu.M., kand.ekon.nauk, otvetstvennyy red.; BRAILOVSKAYA, M., red.; GLAZYRINA, D., red.; BOROKINA, Z., tekhn.red.

[Economic aspects of reed-panel work] Ekonomika kamyshitovogo proizvodstva. Otvetstvennyi redaktor IU.M.Rozental'. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1958. 210 p. (MIRA 11:5)

1. Institut ekonomiki Akademii nauk Kazakhskoy SSR (for Chugay)
(Rush work)

ZLOBIN, Yu.; ROZENTAL', Yu.

An economical output stage. Radio no.1:29 Ja '62. (MIRA 15:1)
(Transistor circuits)

ROZENTAL', Yu.M.

Methodological problems in determining the operational life
of a mine. Izv.AN Kazakh.SSR.Ser.ekon., filos.1 prava no.2:
22-28 '59. (MIRA 13:4)
(Karaganda Basin--Coal mines and mining--Finance)

ALEKHIN, F.K.; ALOTIN, L.M.; ALTAYEV, Sh.A.; ANTONOV, P.Ye.;
BEVZIK, Yu.Ya.; BELEN'KIY, D.M.; BRATCHENKO, B.F.,
gornyy inzh.; BRENNER, V.A.; BYR K., V.F.; VAL'SHTEYN,
G.I.; YERMOLENOK, N.S.; ZHISLIN, I.M.; IVANOV, V.A.;
IVANCHENKO, G.Ye.; KVON, S.S.; KODYK, G.T.; KREMENCHUTSKIY,
N.F.; KURDYAYEV, B.S.; KUSHCHANOV, G.K.; MASTER, A.Z.;
PREOBRAZHENSKAYA, Ye.I.; ROZENTAL', Yu.M.; RUDOV, I.L.;
RUSHCHIN, A.A.; RYBAKOV, I.P.; SAGINOV, A.S.; SAMSONOV,
M.T.; SERGAZIN, F.S.; SKLEPCHUK, V.M.; USTINOV, A.M.;
UTTS, V.N.; FEDOTOV, I.P.; KHRAPKOV, G.Ye.; SHILENKOV, V.N.;
SHNAYDMAN, M.I.; BOYKO, A.A., retsenzent; SUROVA, V.A.,
ved. red.

[Mining of coal deposits in Kazakhstan] Razrabotka ugol'-
nykh mestorozhdenii Kazakhstana. Moskva, Nedra, 1965. 292 p.
(MIRA 18:5)

ASHIMBAYEV, Trymebay Ashimbayevich; ROZENTAL', Yu.M., kand. ekon.
nauk, otv. red.; LEVIN, M.L., red.; ALFEROVA, P.F.,
tekhn. red.

[Reproduction and utilization of capital assets in
industry; based on the example of Kazakhstan] Vosproiz-
vodstvo i ispol'zovanie osnovnykh proizvodstvennykh fon-
dov promyshlennosti (na primere Kazakhstana). Alma-Ata,
Izd-vo AN Kaz.SSR, 1963. 256 p. (MIRA 17:3)

COMMON ELEMENTS										PROCESSING AND PROPERTY INDEX										COMMON VARIABLES INDEX																																																																					
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Contraction of striated muscle due to the action of calcium, magnesium, and sodium chloride. D. E. Rosenthal (C. R. Acad. Sci. U.R.S.S., 1949, 28, 282-283). The contraction of frog muscle immersed in Ringer solution containing CaCl_2, MgCl_2, or BaCl_2 is max. in 60% solution. Shortening of the time needed to establish refractility by electrical stimulation, and intensity of staining with Dabhi, BaCl_2, increase progressively with rising salt concn. R. TARDON.																																																																																									
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ACC NR: AP6020676

SOURCE CODE: UR/0016/66/000/006/0018/0023

AUTHOR: Lyuksemburg, K. I.; Chernokhvostova, Ye. V.; Rozentalene, L. V.; Belyayeva, A. I.

ORG: Institute of Epidemiology, Microbiology, and Hygiene, Ministry of Health LitSSR (Institut epidemiologii, mikrobiologii i gigiyeny Ministerstva zdravookhraneniya Litovskoy SSR); Moscow Institute of Epidemiology and Microbiology (Moskovskiy institut epidemiologii i mikrobiologii)

TITLE: Identifying typhoid carriers by quantitative determination of TS antibodies

SOURCE: Zh mikrobiol, epidemiol i immunobiol, no. 6, 1966, 18-23

TOPIC TAGS: carrier, carrier state, typhoid, antibody, disease diagnosis, DISEASE
CENTRO, BACTERIAL DISEASE

ABSTRACT:

The authors present a method of identifying suspected carriers among people who have had typhoid, based on differences in antibody content in the sera of carriers and healthy persons who have had typhoid. In carriers, TS, O-, Vi-, and H- antibody titers were higher than in healthy people who had once had the disease. Orig. art. has: 2 figures and 1 table.

[W.A. 50; CBE No. 10]

SUB CODE: 06/ SUBM DATE: 11Sep65/ ORIG REF: 009/ OTH REF: 007

UDC: 616.927-008.97 078.7

Card 1/1

ROZENTALS, A., kapitan dal'nego plavaniya

Determining the circulation of small vessels. Mor. flot 22
no.10:20-22 0 '62. (MIRA 15:10)

(Ship trials)

ROZENTALS, A., kapitan dal'nego plavaniya

Maneuver following the "man-overboard" command during towing.
Mor. flot 22 no.6:20 Je '62. (MIRA 15:7)
(Towing--Safety measures)

ROZENTHAL, Gabriel, ing.

What are thermochemical treatments. St si Teh Buc 15 no.6:32, 33 Je '63.

1. Technological Institute for Machine Construction and Electrotechnical Engineering.

ROLENTHAL, K.

Mr., Order Labor Red Banner Seli Res. Physic & Chamstm Inst. in L. Ya Karpov,
Moscow, -1945-c48-.

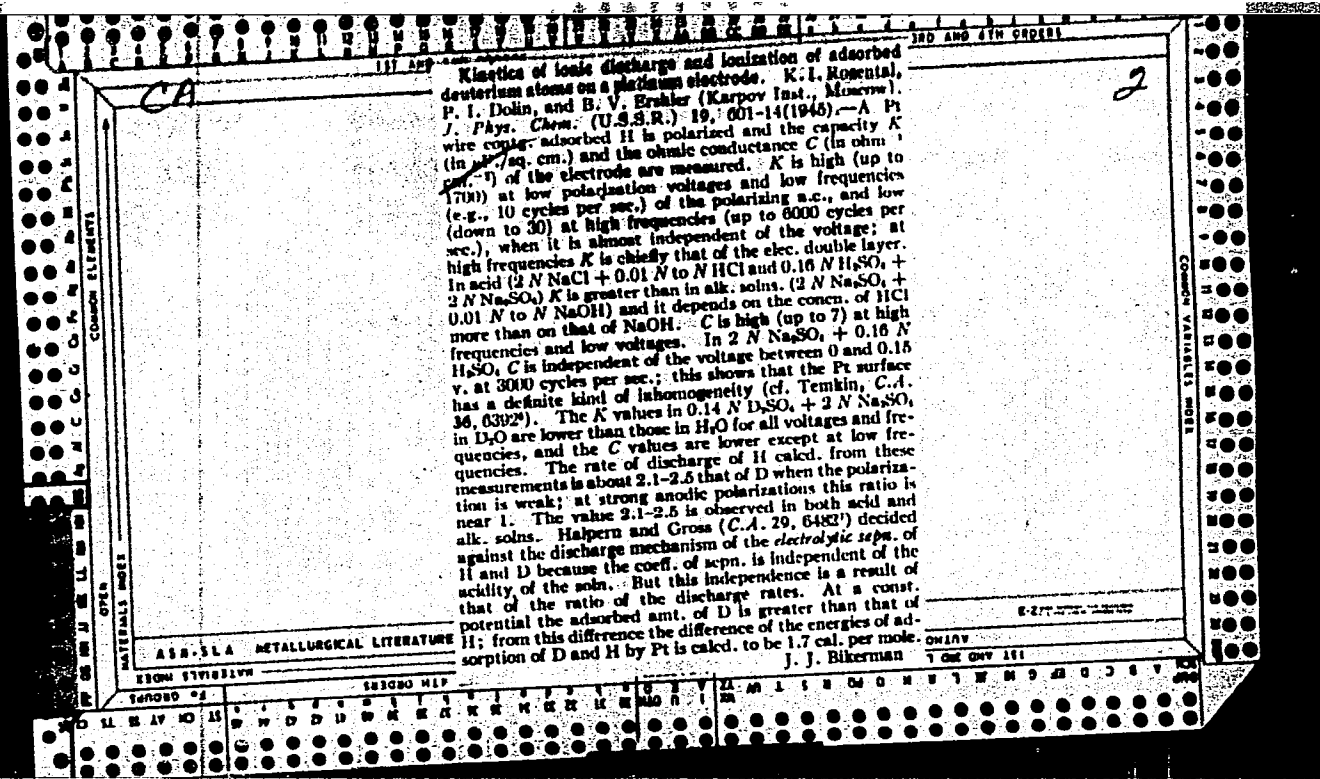
"The Kinetics of Deuterium Ions Discharge and Ionization of Adsorbed Deuterium
Atoms on a Pt-Electrode," Kok. An, 21, No. 2, 1946;

"Research on the Kinetics of Electrode Reactions with Alternating Current Dis-
charge of Mercury Ions, Formation of an adsorbed Film of Chlorine and Oxygen
on a Mercury Electrode. Formation of Mercuric Oxide, 11.," Zhur. Fiz. Khim.,
22, No. 11, 1948.

ROZENTUL, L.M., vrach

Is it possible to remove tattooing? Zdorov'e 6 no.1:31 Ja '60.
(MIRA 13:4)

(TATTOOING)



1ST AND 2ND CIPHERS										3RD AND 4TH CIPHERS									
PROCESSES AND PROPERTIES INDEX																			
<i>Handwritten: 2</i> Kinetics of the discharge of cerium ions and reduction of adsorbed cerium atoms on a platinum electrode. K. I. Ruzhitskiy, P. I. Dolin, and B. V. Ershler (Karpov Inst. Phys.-Chem., Moscow). <i>Acta Physicochim. U.R.S.S.</i> 21, 313-34 (1946). See C.A. 40, 3229.																			
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Kinetics of deuterium ion discharge and oxidation of adsorbed deuterium atoms on a platinum electrode. K. Rosenthal, P. Dolin, and B. Erchler (<i>Acta Physicochim. U.R.S.S.</i>, 1948, 21, 313-334; A., 1941, I, 338).—The capacity and ohmic components of the a.c. conductivity of a Pt electrode in acid and alkaline solutions of 2N-Na_2SO_4 in H_2O and D_2O have been investigated between 10 and 6000 cycles and over a range of over-potential from 0 to 1 v. Charging curves of Pt were obtained in the same solutions. At potentials close to those of the corresponding gas electrodes the ratio of the discharge rates of H in H_2O and D in D_2O is 1:2.3-2.4 in acid solutions, and 1:2.1-2.5 in alkaline solutions. The difference in the discharge rates may be due to a greater adsorption of D than of H on Pt. The difference between the energies of adsorption of D and H on Pt is calc. from the charging curves to be 1.7 kg.-cal. This indicates that the difference in activation energies for discharge of D and H is not great. The capacity and ohmic components of the conductivity of a Pt electrode were investigated in aq. 2N-NaCl in the presence of 0.01-1N-HCl or -NaOH. Results agree with the Volmer-Frumkin theory of slow discharge. The variation in the Volmer-Frumkin theory with potential indicates that the surface rate of discharge of H and D is not uniform. It was inferred on the basis of charging curves alone (cf. loc. cit.). O. D. S.																																																			

Rozenthal, S.

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687.18 : 677.486.004

Rozenthal S., Cichowski H. Improving Impregnation of Fabrics from
Wool-Like and Mixed Synthetic Fibres. MT

„Impregnacje uszlachetniające tkanin z włókien sztucznych wełno-
podobnych i mieszanych”. (Prace Inst. Włókien. No. 11), Warszawa, 1954,
PWT, 6 pp., 2 tabs.

Laboratorial research and factory tests over improving-impregna-
tion of fabrics from synthetic wool-like fibres have demonstrated that
the quality of the fabrics can be considerably raised by mixed treatment
(resins and Velan products). Dry- and wet-strength is enhanced, water-
-absorptivity and creasing is diminished, with a concomitant inconsti-
derable diminution of the degree of stretching, which in turn entails
a slightly greater brittleness in the fabric. This is a drawback which
cannot be avoided in treatment with resins, but, since the other qualities
of the fabric are improved, it is of no great importance. The results of
friction tests support this point of view. Investigations of treated fabrics
demonstrated the possibility of substituting treated non-wool fabrics for
those containing wool, the former being also less apt to crease than
fabrics containing up to 30 per cent of wool.

①

Refining the textile fabrics of woollike artificial fibers by impregnation. Biuletyn Wlok. p. 13. (PRZEMYSŁ WLOKNIENNY, Lodz, Vol. 7, no. 7/8, July/Aug. 1953.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jan. 1955, Uncl.

ROZENTRAUKH, L.S.

USSR/General Problems of Pathology. Neoplasms.

Abs Jour: Ref Zhur-Biol., No 8, 1958, 37280.

Author : Rozentraukh, L.S., Golubeva, K.A.

Inst :

Title : Broncho Pulmonary Cysts and Their Malignization.

Orig Pub: Vestn. rentgenol. i radiol., 1957, No 2, 29-31.

Abstract: Two cases of broncho-pulmonary cysts are described, the epithelium of which gave rise to cancerous growth. In one case the growth developed on the internal wall of the cystic cavity, in the second - from the wall of the cyst, and invaded the nearby bronchus and surrounding lung tissue. In both cases, the walls of both cysts, roentgenologically, were unevenly thickened in a limited segment and their inner surface had a wavy appearance. It was estab-

Card : 1/2

ROZENTRETER, A.B

PROBST, Abram Yefimovich, prof., doktor ekonomicheskikh nauk,; ALEKSANDROVA, Antonina Ivanovna,; BRODSKIY, Viktor Borisovich,; OVSYANNIKOV, Vasilii Ivanovich,; ~~ROZENTRETER, Avenir Borisovich,~~

[Prospects for developing the production of cast iron in electric furnaces in the eastern part of the U.S.S.R. (Eastern Siberia and the Far East). Perspektivy razvitiia vyplavki chuguna v elektricheskikh pechakh na Vostoke SSSR(Vostochnaia Sibir' i Dalnii Vostok). Moskva, Izd-vo Akad. nauk SSSR, 1958. 151 p. (MIRA 11:12)

(Far East--Cast iron)
(Siberia, Eastern--Cast iron)

MELENETA, A. B., (Candidate of Economic Sciences)

"Prospects of Development of Electric Blast Furnace Production in
the East of the USSR (Eastern Siberia and the Far East)".

for this work author received award by the Academy of Sciences of the USSR, 1957.
Priroda, No. 2, 1958. pp. 113-114.

130-58-4-2/20

AUTHOR: Rozentreter, A.B., Candidate of Economic Sciences

TITLE: High-efficiency Metal-producing Methods Must be Provided
for the Eastern Regions (Vostochnym rayonam - vysokoeffek-
tionnyye metody proizvodstva metalla)

PERIODICAL: Metallurg, 1958, Nr 4, pp 1 - 2 (USSR).

ABSTRACT: The author maintains that in the construction of new works needed to raise steel and pig-iron production to the planned levels of 100 - 120 and 75 - 85 million tons/year, respectively, in the next 15 years the special features of the regions must be taken into account. He outlines the findings of a scientific group of the (Section for the new coal-metallurgical bases of the Council for the study of productive forces of the Ac.Sc. USSR) Sektor novykh ugol'no-metallurgicheskikh baz Soveta po izucheniyu proizvoditel'nykh sil AN SSSR under Professor Doctor of Economic Science A.Ye. Probst. These indicated that in certain regions of Siberia and the Far East, pig-iron production costs in electric smelting would be 20 - 35% less than in coke blast furnaces, which would soon recoup the larger capital costs of the former. The author points out the overall savings in manpower which electric smelting secures and discusses electric steel-making processes,

Card 1/2

130-58-4-2/20

High-efficiency Metal-producing Methods Must be Provided for the Eastern Regions

favouring an oxygen converter-electric furnace duplex process. Integrated with electric blast furnace pig-iron such a duplex process would lead in these regions to steel 15 - 20% cheaper than that produced by the conventional blast-furnace, open-hearth process. He discusses hydro-electric-station building and urges that priority be given to the Zeya Station, where power costs will be 1 kopeyka per kWh and large deposits of iron ores exist. The author considers briefly the advantages of the oxygen-blown converter, including agriculturally important production of phosphate slag from, e.g. Lisakovskiy ore pig iron. He urges that semi-industrial scale testing of the proposed methods and also design work, should be undertaken without delay.

Card 2/2

SOV/130-58-11-1/16

AUTHOR: Rozentreter, A.B., Candidate of Economic Sciences

TITLE: An Important Landmark in the Development of Ferrous Metallurgy in Eastern Siberia (Vazhnaya vekha v razvitii chernoy metallurgii Vostochnoy Sibiri)

PERIODICAL: Metallurg, 1958, Nr 11, pp 1 - 2 (USSR)

ABSTRACT: From 18th to 26th August 1958 a conference was held in Irkutsk on the development of the production resources of Eastern Siberia, iron and steel production being among the subjects discussed. Academician I.P. Bardin, Vice-President of the Akademiya Nauk SSSR (Academy of Sciences of the USSR) suggested that the creation of works at Tayshet (Irkutsk region) based on the Korshunovo and Rudnogorskoye deposits should be followed by a plant in Krasnoyarsk region based on the Nizhne-Angarskoye deposit; works in the trans-Baykal part of Siberia should follow. The President of the Sovet po izucheniyu proizvoditel'nykh sil AN SSSR (Council for the study of the productive potential of the AS USSR), Academician V. S. Nemchinov, stated that the new ore beneficiation combines shortly to be built in the Angara-Ilim and Angaro-Pitskiy iron ore

Card 1/2

SOV/130-58-11-1/16

An Important Landmark in the Development of Ferrous Metallurgy in Eastern Siberia

basins would be able to supply not only the first two works but also those in Western Siberia. For the development after 1965 of the Zabaykal'ye (trans-Baykal) iron and steel industry he advised railway linking of the Yuzhno-Yakutskiy ore deposits to the trans-Siberian system as a first preparatory step and suggested that the Yuzhno-Yakutskiy coal deposits should be considered and developed integrally with the development of the trans-Baykal steel industry. The conference adopted a resolution including recommendations and problems for the scientific research and prospecting work in connection with the expansion of ferrous metallurgy in Eastern Siberia.

Card 2/2

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SOV/130-5-10

AUTHOR: Rozentreter, A. B. (Candidate of Economical Sciences)
TITLE: Growth of Ferrous Metallurgy in China
PERIODICAL: Metallurg, 1959, Nr 10, pp 32-36 (USSR)
ABSTRACT: A detailed account of various iron ore and coal deposits in the Chinese People's Republic. Also report on steel production and future plans. There is 1 map.

Card 1/1

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Abadent'yn nalk' fitch. Some? po ischen'yn proivoditel'nykh sil

Chermaya metallurgy (Petrus Metallurgy) Moscow, Izdato AN SSSR, 1960.
(Berles! Barrells prokrovovnykh sli voskreshny blizh)

27) p. (bottom) inserted. 2,000 copies printed.
 Extra all inserted. 2,000 copies printed.

Errata slip inserted. 2,000 copies printed.

BA: I. O.T. Lyudskovskiy, Candidate of Technical Sciences; Ed. of Publications
Kouzel O.M. Khorosheviy; Tech. Ed.: Ye.Y. Melnik; Editorial Board of this
Journal: Candidates of Technical Sciences.

vol.: B.S. Dvornik, N.T. Orshinsky, Candidates of Technical Sciences; A.M. Polyanskiy, Doctor of Technical Sciences, and A.A. Fedotov, Engineer-Technician, Academy of Sciences of the USSR.

Bibliographical References: L.F. Bolomudov, *Izv. Akademiya Nauk SSSR Tekhnicheskaya Fizika*, No. 6, p. 1079, 1980.

[illegible]

O.D. Levitskiy, Corresponding Member, Academy of Sciences USSR; N.N. Maslennikov, Corresponding Member, Academy of Sciences USSR; I.B. Pavlovskiy, Corresponding Member, Academy of Sciences USSR; A.M. Prokhorov, Corresponding Member, Academy of Sciences USSR; V.A. Rykov, Corresponding Member, Academy of Sciences USSR; V.I. Tatarskiy, Corresponding Member, Academy of Sciences USSR; V.V. Yulpatov, Corresponding Member, Academy of Sciences USSR.

Member, Academy of Sciences USSR; 7.5. KHEIMUROV, corresponding member of Sciences USSR; 8.2. KOSTOMAROV, Academician, All-Union Academy

MEMBER, ACADEMY OF BUILDING AND ARCHITECTURAL SCIENCES; A.S. POPOV, MEMBER, ACADEMY OF BUILDING AND ARCHITECTURAL SCIENCES; DEPUTY CHAIRMAN, STATE PLANNING COMMITTEE OF THE USSR; B. YE. GREFOR, DEPUTY CHAIRMAN, STATE PLANNING COMMITTEE OF THE USSR.

REPSH: A.D. Gashy, Member, State Planning Commission of Ministers
RUPSH: A. Ts. Probst, Professor, Institute of Economics, G. I. Lukatskiy

Erkova, Professor; P. V. Vasil'yev, Doctor of Economics; V. A. Lebedev, Candidate of Technical Sciences; P. A. Ivanov, Candidate of Oncology and Candidates of Economics.

and M.O. SHOLINEV, candidate of sciences, is intended to furnish information on the collection of papers is intended to furnish information on the

resources in Eastern Siberia and to provide a basis for future development in the field of ferrous metallurgy.

GENERAL: The collection is a summary of the proceedings of the Petrus M.

Section of the Joint Conference of Representatives of the Government of Western Siberia, the State Planning Commission, and the Council of Ministers REFER

Development of the Industrial Resources of Eastern Siberia: 1) Mineral resources of the Eastern Siberian Federal District; 2) Development of the four main areas of development in Eastern Siberia: a) Development of the coal resources of Eastern Siberia; b) Development of the ferrous metallurgy resources of Eastern Siberia; c) Development of the non-ferrous metallurgy resources of Eastern Siberia; d) Development of the chemical resources of Eastern Siberia.

2) the fuel base, 3) prospects for the development of electrochemical power plants. A list of the literature is given.

The Section with their affiliations is given in the Appendix. accompany several of the articles.

THE HISTORY AND DEVELOPMENT OF

Malinovsky, V. S. Present Activities and Interests of
Various National Groups in Eastern Siberia

Review of Addresses on Reports Dealing With the Development of Ferrous Metallurgy in Eastern Siberia

SECTION IV. PROBLEMS IN THE DEVELOPMENT OF

Electroplating in Electric Circuits

Popst, A. Ia. Prospects for the development of water resources in the production of electricity in Eastern Siberia

Alexandrov, A.I. and A.B. Potentiyev. On the Problem of Conversion of Electric Power from 110 to 220 Volts.

Effectiveness of Hydrogen Production From Film Gases

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Peri-ovulatory Metabolics in Eastern Siberia

SECTION IV. PROBLEMS IN THE DEVELOPMENT OF
ELECTROCARDIOLOGY IN EASTERN EUROPE

Probst, A. Ya. Prospects for the Development of Electric PMS I

Production in America

Advertisement for the
Electric Cast Iron Ironing Board

Redoxon, A.G.: Effectiveness of Hydrogen Production from Film of Electric Ion-Shaft Furnaces

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ROZENTRETER-88A8

600

1. TERPIGOREV, A.M., Academician, ROZENTRETER, B.A., MATSKEVICH, S.F.

2. USSR (600)

"From Mining Combine to Combined Aggregate in the Solution of the Problem of Complex Mechanization of Coal Production," Iz. Ak. Nauk SSSR, Otdel. Tekh. Nauk no.6, 1941. Institute of Mineral Fuels, Acad of Sciences USSR, submitted 10 March 1941.

9.  Report U-1530, 25 Oct 1951.

Rozentreyer, B. A. "Separation of coal from gangue by crude breaking methods", in the collection entitled: Voprosy gornogo dela, Moscow, 1948, p. 245-64.

SO: U-2280, 12 Feb. 53, (Letopis' Zhurnal 'nykh Statey, No. 2, 1949).

Inst. of Mining, AS USSR

ROZENTRETER, B. A.

Skochinskiy, A. A. and Rozentreter, B. A. "Academician A. M. Terpigorev", (the mining engineer, on the 75th anniversary of his birth), in the collection entitled: Voprosy gor-nogo dela, Moscow, 1949, p. 7-21, with portrait, - Bibliog: "A list of the published scientific work of Academician A. M. Terpigorev", p. 17-21.

SC: U-2886, 12 Feb. 53 (Letopis' Zhurnal 'nykh Statey, No. 2, 1949).

ROZENTRETER, B. A.

Jan 1948

USSR/Mines and Mining
Mining Equipment
Efficiency, Industrial

"Mechanization of the Work at the Podmoscow Basin Shafts in the Next Five Years,"
A. M. Terpigorev, Academician; B. A. Rozentreter, Candidate Tech Sci, 4 pp

"Ugol'" No 1 (262)

Up to 1928 only 2% of mining work at these deposits was mechanized. However, by 1940, 90% of work was mechanized. From 1946 to 1950 it is expected that 66 new shafts will be sunk and operated. Despite fact that work has risen to prewar level, production is as yet far below prewar level. Discusses facts brought to light by study conducted to determine reasons for this lack of equilibrium. Suggestions made for greater mechanization of work. Discusses new types of machines available.

PA 61T84

ROZENTRETER, B. A.

PA 7/49T78

USSR/Mining Methods
Mine Design

Aug 48

"Determination of the Structural Characteristics of a Vein and the Direction of Cleavages Are Also Important in Mechanized Coal Mining. In Reference to M. M. Perkul's Article, 'A Forgotten Method for Increasing the Productivity of Miners,'" B. A. Rozentretter, Cand Tech Sci, 1 p

"Ugol'" No 8 (269)

Article by Perkul' appeared in "Ugol'" No 2, 1948. He called for greater study of structural characteristics and cleavage planes of seams. Rozentretter

7/49T78

USSR/Mining Methods (Contd)

Aug 48

agrees with Perkul' but points out that much work in this direction is already being done.

7/49T78

ROZENTRETER, B. A.

ROZENTRETER, B. A. Coal, its mining and importance in the national economy. Moskva, Izd-vo Akademii nauk SSSR, 1949. 161 p. (Akademiia nauk SSSR. Nauchno-populiarnaia seriia) (50-55269)

TN808.R9R6

ROZENTRETER, B. A.

USSR/Mining Equipment
Explosions, Dust - Coal

Jan 49

"Some Remarks on V. V. Vladimir's Criticism of the
Book, 'Machine Cutting in Coal Mines
is Dangerous Because of Dust or Gas,' B. A.
Rozentreter, Cand Tech Sci, $\frac{1}{2}$ p

"Ugol'" No 1

Original article appeared in "Ugol'" No 9, 1948.
Stresses need for stricter standards for permissible
gas amounts in mine tunnels in view of increased
mechanization.

40/49T97

ROZENTRETER, B. A.

Mar 49

USSR/Mining Machinery
Mechanization

"Results of the Work of the Mining Machinery Inspection Commission Attached to the
Organization Bureau of the Mining Society," Acad A. M. Terpigorev, B. A. Rozentreter,
Cand T ch Sci, 2 pp

"Ugol'" No 3

Commission has been in operation since 1945 under leadership of Acad A. M. Terpigorev.
About 90% of all newly developed mining equipment is now submitted to the commission
for examination and test trials. Names members of commission. Recommendation was
passed at 25 Jan 49 meeting to expand commission's field of authority.

Pa 48/49T86

PA 45/49T99

ROZENTRETER, B. A.

USSR/Mining Equipment

Mar 49

Coal

"Coordination of Scientific Research Work on the Problem of the Complex Mechanization of Coal Mining," B. A. Rozentreter, 3 pp

"Iz Ak Nauk SSSR, Otdel Tekh Nauk" No 3

Toward end of Oct 48, Mining Inst held a special meeting at which various reports were submitted. All were on the necessity of greater cooperation between mining enterprises and scientific research institutes if the present Five-Year Plan is to be completed on schedule. Notes importance 45/49T99

USSR/Mining Equipment (Contd)

Mar 49

of increased production of KMP-1 and MV-60 coal combines and their rapid introduction into USSR mines.

45/49T99

PA 52/49T86

ROZENTRETER, B. A.

USSR/Mines
Coal
Mechanization

Jul 49

"Certain Problems in the Complete Mechanization of Coal Mining," B. A. Rozentretter, Mining Inst, Acad Sci USSR, 11 pp

"Iz Ak Nauk SSSR, Otdel Tekh Nauk" No 7

Survey of contemporary mechanical coal-mining equipment discusses types of combined units, choice of channeling machines for combined units, combined machines and units using explosives for breaking down the coal, combines based on increased cutting power and automatic cutting of

52/49T86

USSR/Mines (Contd)

Jul 49

intercut piles, combines based on increased cutting power and having devices for mechanical or hydraulic breaking down, machines separating coal in large shavings, etc. Submitted by Acad A. M. Terpigorev, 5 May 49.

52/49T86

2765. CUTTING BY MACHINE IN PINES WHICH ARE DANGEROUS ON ACCOUNT OF GAS OR DUST. Rozentreter, BA (Book Rev. by LN Bykov in Izvest Akad. Nauk S.S.S.R., Otdel. Tekh. Nauk (Rep. Acad. Sci. U.S.S.R., Sect Tech Sci), July 1949, (7), 1127; title in BJIR Transl. Contents lists Russian Periodicals, Dec. 1949, (7), 19).

1ST AND 2ND GROUPS										3RD AND 4TH GROUPS									
PROCESSES AND PROPERTIES INDEX																			
B 36 12375* New Developments in the Mechanization of Coal Mining. (In Russian.) A. M. Terpigoren and B. A. Rozentreyer. <i>Izvestiya Akademii Nauk SSSR (Bulletin of the Academy of Sciences of the USSR), Section of Technical Sciences</i>, Mar. 1951, p. 419-429. Describes new apparatus and special modifications in coal mining which have made possible exceeding the goal of the 1946-1950 5-yr. plan. New combines, conveyors, and cutting-loading machines are described and illustrated. One of the especially noteworthy combines is illustrated schematically.																			
COMMON ELEMENTS COMMON VARIABLE INDEX ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION																			

1. ROZENTRETER, B. A.
2. USSR (600)
4. Coal Mines and Mining - Kuznetsk Basin
7. Seminars on problems regarding systems of mining thick steeply slanted layers with the filling-up methods. Izv. AN SSSR. Otd. tekhn. nauk no. 8, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

ROZENTRETER, B.A.

Determining the length of stopes and the dimension of the removable coal deposit in mechanized mining of pitched seams in the Donets Basin. Ugol' 29 no.5:18-25 My '54. (MLRA 7:6)

1. IGD Akademii nauk SSSR. (Donets Basin--Coal mines and mining)
(Coal mines and mining--Donets Basin)

ROZENTRETER, N. A.

"Increasing the Excavation of Coal and the Productivity of Labor in the Mining of Thin, Inclined Strata in the Donbass." Dr Tech Sci, Inst of Mining, Acad Sci USSR, Moscow, 1955. (KL, No 15, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

ROZENTRETER, B.A., doktor tekhnicheskikh nauk.

Today and tomorrow in the coal mine. Nauka i zhizn' 23 no.4:
13-16, 20 Ap '56. (MIRA 9:7)
(Coal mining machinery)

ROZENTRETER, B.A.

Academician I. D. Sheviakov; on his 70th birthday. Ugol' 34 no.1:58-59
Ja '59. (MIRA 12:1)

(Sheviakov, Lev Dmitrievich, 1889)

KURNOSOV, Anatoliy Mikhaylovich, kand. tekhn. nauk; ROZENTRETER, Boris Aleksandrovich, doktor tekhn. nauk; USTINOV, Mikhail Ivanovich, kand. tekhn. nauk. Prinimali ucha-
stiye: CHURILOV, A.A., kand. tekhn. nauk; CHERNITSIN, Ye.A., gorn. inzh.; ZVYAGIN, P.Z., doktor tekhn. nauk; POPOVA, Ye.G., gorn. inzh.; SELETSKIY, R.A., kand. tekhn. nauk; GOLCHOLZIN, V.I., kand. tekhn. nauk; SHEVYAKOV, L.D., akademik, otv. red. [deceased]; SULOPLATOV, A.P., doktor tekhn. nauk, otv. red.

[Scientific principles for the design of coal mines for the mining of flat seams] Nauchnye osnovy proektirovaniia ugol'nykh shakht dlia razrabotki pologikh plastov. Moskva, Izd-vo "Nauka," 1964. 447 p. (MIRA 17:6)

ROZENTRETER, B.A.; USTINOV, M.I.; CHURILOV, A.A.; POPOVA, Ye.G.;
POSAZHENNIKOVA, N.A.

Problems of planning mines with a block layout of opening up the
deposit in the Donets Basin. Gor. i ekon. vop. razrab. ugol'. i
rud. mest. no.1:82-94 '62. (MIRA 16:7)
(Donets Basin--Mining engineering)

ROZENTRETER, B. A., doktor tekhn. nauk; KURNOSOV, A. M., kand. tekhn.
nauk; USTINOV, M. I., gornyy inzh.

Determining the basic parameters of a Donets Basin mine developing
flat seams. Ugol' 37 no.10:18-23 0 '62. (MIRA 15:10)

(Donets Basin--Coal mines and mining)

ROZENTRETER, Boris Aleksandrovich; VEDERNIKOV, Viktor Ivanovich;
ARKHIPOV, N.A., otv. red.; SMIRENSKIY, M.M., red. izd-va;
SHKLYAR, S.Ya., tekhn. red.

[Stoper] Gornorabochii ochistnogo zaboia. Moskva, Gosgortekh-
izdat, 1963. 339 p. (MIRA 16:6)
(Stoping (Mining))

ROZENTRETER, Boris Aleksandrovich; VEDERNIKOV, Viktor Ivanovich;
ARKHIPOV, N.A., otv. red.; SMIRENSKIY, M.M., red. izd-va;
SHKLYAR, S.Ya., tekhn. red.

[Stoper] Gornorabochii ochistnogo zabolia. Moskva, Gosgortekh-
izdat, 1963. 339 p. (MIRA 16:6)
(Stoping (Mining))

ROZENTRETER, B.A., doktor tekhn.nauk; GOLOMOLZIN, V.I., kand.tekhn.nauk;
KURNOSOV, A.M., kand.tekhn.nauk; USTINOV, M.I., gornyy inzh.;
CHURILOV, A.A., gornyy inzh.; MASHKOVTSSEV, I.L., gornyy inzh.;
POSAZHENNIKOVA, N.A., gornyy inzh.

Determining the parameters of a mine in working a series of
thin and medium-thick flast seams. Nauch.sob.Inst.gor.dela
7:6-17 '61. (MIRA 15:1)
(Donets Basin--Mining engineering)

SHEVYAKOV, L.D., akademik; ROZENTRETER, B.A., doktor tekhn. nauk

Review of the scientific technological collection "Transportation
in mines and strip mines in socialist countries." Ugol' 38
no.1:61-62 Ja '63. (MIRA 18:3)

ROZENTRETER, Boris Aleksandrovich; MEL'NIKOV, N.V., akademik,
otv. red.; PRIKLONSKIY, A.A., red.

[Aleksandr Mitrofanovich Terpigorev, 1873-1959; essay
on his life and work] Aleksandr Mitrofanovich Terpigorev,
1873-1959; ocherk zhizni i deiatel'nosti. Moskva, Nauka,
1965. 182 p. (MIRA 18:6)

ROZENTRETER, B.A., doktor tekhn. nauk; PARUSIMOV, V.F., doktor tekhn. nauk,
prof.; DOVBA, A.S., kand. tekhn. nauk

"Using the underground method for the development of Ural coal
deposits" by R.V.Butkevich, I.N.Sidorov, V.I.Iachmenev. Reviewed
by B.A.Rozentreter, V.F.Parusimov, A.S.Dovba. Ugol' 36 no.9:
61-63 S '61. (MIRA 14:9)

(Ural Mountain region--Coal mines and mining)
(Butkevich, R.V.) (Sidorov, I.N.) (Iachmenev, V.I.)

MEL'NIKOV, N.V.; ROZENTRETER, B.A., doktor tekhn.nauk

"Coal mining equipment of the German Federal Republic" by B.F.
Bratchenko and others. Reviewed by N.V.Mel'nikov, B.A.Rozentreter.
Ugol' 36 no.1:63-64 Ja '61. (MIRA 14:1)

1. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Germany, West—Coal mining machinery)
(Bratchenko, B.F.) (Klorik'ian, S.Kh.) (Khorin, V.N.)
(Bogutskiy, N.V.)

ANDREYEV, A.B.; ANTONOV, A.I.; ARAPOV, P.P.; BARMASH, A.I.; BEDNYAKOVA,
A.B.; BENIN, G.S.; BERESNEVICH, V.V.; BERNSHTEYN, S.A.; BITUTSKOV,
V.I.; BLYUMENBERG, V.V.; BONCH-BRUYEVICH, M.D.; BOIMOTOV, A.D.;
BULGAKOV, N.I.; VEKSLER, B.A.; GAVRILENKO, I.V.; GENDLER, Ye.S.,
[deceased]; GERLIVANOV, N.A., [deceased]; GIBSHMAN, Ye.Ye.;
GOLDOVSKIY, Ye.M.; GOHBUNOV, P.P.; GORYALNOV, F.A.; GRINBERG, B.G.;
GRYUNER, V.S.; DANOVSIIY, N.F.; DZEVUL'SKIY, V.M., [deceased];
DREMAYLO, P.G.; DYBETS, S.G.; D'YACHENKO, P.F.; DYURNBAUM, N.S.,
[deceased]; YEGORCHENKO, B.F., [deceased]; YEL'YASHKEVICH, S.A.;
ZHUREBOV, L.P.; ZAVEL'SKIY, A.S.; ZAVEL'SKIY, F.S.; IVANOVSKIY,
S.R.; ITKIN, I.M.; KAZHDAN, A.Ya.; KAZHINSKIY, B.B.; KAPLINSKIY, S.V.;
KASATKIN, F.S.; KATSAUROV, I.N.; KITAYGORODSKIY, I.I.; KOLESNIKOV,
I.F.; KOLOSOV, V.A.; KOMAROV, N.S.; KOTOV, B.I.; LINDE, V.V.;
LEBEDEV, H.V.; LEVITSKIY, N.I.; LOKSHIN, Ya.Yu.; LUTTSAU, V.K.;
MANNERBERGER, A.A.; MIKHAYLOV, V.A.; MIKHAYLOV, N.M.; MURAV'YEV, I.M.;
NYDEL'MAN, G.R.; PAVLYSHKOV, L.S.; POLUYANOV, V.A.; POLYAKOV, Ye.S.;
POPOV, V.V.; POPOV, N.I.; RAKHLIN, I.Ye.; RZHEVSKIY, V.V.; ROZENBERG,
G.V.; ROZENTRETER, B.A.; ROKOTYAN, Ye.S.; RUKAVISHNIKOV, V.I.;
RUTOVSKIY, B.N., [deceased]; RYVKIN, P.M.; SMIRNOV, A.P.; STEPANOV, G.Yu.,
STEPANOV, Yu.A.; TARASOV, L.Ya.; TOKAREV, L.I.; USPASSKIY, P.P.;
FEDOROV, A.V.; FERRE, N.R.; FRENKEL', N.Z.; KHEYFETS, S.Ya.; KHLOPIN,
M.I.; KHODOT, V.V.; SHAMSHUR, V.I.; SELAPIRO, A.Ye.; SHATSOV, N.I.;
SHISHKINA, N.N.; SHOR, E.R.; SHPICHENETSKIY, Ye.S.; SHPRINK, E.B.;
SHTERLING, S.Z.; SHUTYY, L.R.; SHUKHGAL'TER, L. Ya.; ERVAIS, A.V.;

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ANDREYEV, A.B. (continued) Card 2.

YAKOVLEV, A.V.; ANDREYEV, Ye.S., retsenzent, redaktor; BERKEN-GEYM, B.M., retsenzent, redaktor; BERMAN, L.D., retsenzent, redaktor; BOLTINSKIY, V.N., retsenzent, redaktor; BONCH-BRUYEVICH, V.L., retsenzent, redaktor; VELLER, M.A., retsenzent, redaktor; VINOGRADOV, A.V., retsenzent, redaktor; GUDTSOV, N.T., retsenzent, redaktor; DEGTYAREV, I.L., retsenzent, redaktor; DEM'YANYUK, F.S., retsenzent, redaktor; DOBROSMYSLOV, I.N., retsenzent, redaktor; YELANCHIK, G.M., retsenzent, redaktor; ZHEMOCHKIN, D.N., retsenzent, redaktor; SHURAVCHENKO, A.N., retsenzent, redaktor; ZLODEYEV, G.A., retsenzent, redaktor; KAPLUNOV, R.P., retsenzent, redaktor; KUSAKOV, M.M., retsenzent, redaktor; LEVINSON, L.Ye., [deceased] retsenzent, redaktor; MALOV, N.N., retsenzent, redaktor; MARKUS, V.A., retsenzent, redaktor; METELITSYN, I.I., retsenzent, redaktor; MIKHAYLOV, S.M., retsenzent, redaktor; OLIVETSKIY, B.A., retsenzent, redaktor; PAVLOV, B.A., retsenzent, redaktor; PANYUKOV, N.P., retsenzent, redaktor; PLAKSIN, I.N., retsenzent, redaktor; RAKOV, K.A., retsenzent, redaktor; RZHAVINSKIY, V.V., retsenzent, redaktor; RINBERG, A.M., retsenzent, redaktor; ROGOVIN, N. Ye., retsenzent, redaktor; RUDENKO, K.G., retsenzent, redaktor; RUTOVSKIY, B.N., [deceased] retsenzent, redaktor; RYZHOV, P.A., retsenzent, redaktor; SANDOMIRSKIY, V.B., retsenzent, redaktor; SKRAMTAYEV, B.G., retsenzent, redaktor; SOKOV, V.S., retsenzent, redaktor; SOKOLOV, N.S., retsenzent, redaktor; SPIVAKOVSKIY, A.O., retsenzent, redaktor; STRAMENTOV, A.Ye., retsenzent, redaktor; STRELETSKIY, N.S., retsenzent, redaktor;

(Continued on next card)

ANDREYEV, A.V., (continued) Card 3.

TRET'YAKOV, A.P., retsenzent, redaktor; FAYERMAN, Ye.M., retsenzent, redaktor; KHACHATYROV, T.S., retsenzent, redaktor; CHERNOV, H.V., retsenzent, redaktor; SHERGIN, A.P., retsenzent, redaktor; SHESTOPAL, V.M., retsenzent, redaktor; SHESHKO, Ye.F., retsenzent, redaktor; SHCHAPOV, N.M., retsenzent, redaktor; YAKOBSON, M.O., retsenzent, redaktor; STEPANOV, Yu.A., Professor, redaktor; DEM'YANYUK, F.S., professor, redaktor; ZNAMENSKIY, A.A., inzhener, redaktor; PLAKSIN, I.N., redaktor; RUTOVSKIY, B.N. [deceased] doktor khimicheskikh nauk, professor, redaktor; SHUKHGAL'TER, L. Ya, kandidat tekhnicheskikh nauk, dotsent, redaktor; BRESTINA, B.S., redaktor; ZNAMENSKIY, A.A., redaktor.

(Continued on next card)

ANDREYEV, A.V. (continued) Card 4.

[Concise polytechnical dictionary] Kratkii politekhnicheskii slovar'. Redaktsionnyi sovet; IU.A.Stepanov i dr. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1955. 1136 p. (MLRA 8:12)

1. Chlen-korrespondent AN SSSR (for Flaksin)
(Technology--Dictionaries)

ROZENTRETER, B.A.

Results of scientific research are put to use by the mining industry.
Ugol' 35 no.9:59-61 S '60. (MIRA 13:10)

(Coal mines and mining--Research)

KUZ'MICH, A.S.; SPIVAKOVSKIY, A.O.; ROZENTRETER, B.A., doktor tekhn.nauk;
POLYAKOV, N.S.

Valuable and necessary book on technical progress in coal mining
in the U.S.S.R. ("Bases of technical progress in coal mining
in the U.S.S.R." Reviewed by A.S.Kuz'mich and others). Ugol'
35 no.1:62-63 Ja '60. (MIRA 13:5)

1. Predsedatel' Luganskogog sovnarkhoza (for Kuz'mich). 2. Chlen-
korrespondent AN SSSR (for Spivakovskiy). 3. Chlen-korrespondent
AN USSR (for Polyakov)
(Bibliography--Coal mines and mining)

ROZENTRETER, B.A., doktor tekhn.nauk

Review of "Using electric vibration techniques in conveying" by
I.F.Goncharevich, L.P.Strel'nikov. Mekh.i avtom.proizv. 14 no.3:
57 Mr '60. (MIRA 13:6)
(Conveying machinery--Technological innovations)
(Goncharevich, I.F.) (Strel'nikov, L.P.)

ROZENTRETER, B.A.; SHPAK, G.V.

"Determining the face length by the ventilation factor" by
S.M. Lipkovich, K.F. Sapitskii, Reviewed by B.A.Rozentreter,
G.V. Shpak. Ugol' Ukr. 2 no.2:41 F '58.

(MIRA 13:3)

1. Institut gornogo dela AN SSSR.
(Mine ventilation)

BARANOVSKIY, V.I.; BRONNIKOV, D.M.; KORSHUNOV, S.I.; KULIKOV, A.P.; PARUSIMOV, V.F.; ROZENTRETER, B.A.; RUSHCHINSKIY, M.V.; SUDOPLATOV, A.P.; TERPOGOSOV, Z.A.; SHEVYAKOV, L.D., akademik, otv.red.; GUS'KOVA, O.M., tekhn.red.

[Terminology connected with underground mining systems in solid mineral deposits] Terminologiya sistem razrabotki mestorozhdenii tverdykh poleznykh iskopaemykh podzemnym sposobom. Moskva, 1959. 13 p. (Sbornik rekomenduemykh terminov, no.51) (MIRA 13:1)

1. Akademiya nauk SSSR. Komitet tekhnicheskoy terminologii.
2. Nauchnaya komissiya Komiteta tekhnicheskoy terminologii AN SSSR (for all except Shevyakov, Gus'kov).
(Mining engineering--Terminology)

SKOCHINSKIY, A.A.; ROZENTRETER, B.A.

On the eighty-fifth birthday of Academician A.M. Terpigorev.
Izv. AN SSSR. Otd. tekhn. nauk. no.11:VI-VIII H '58.

(MIRA 12:1)

(Terpigorev, Aleksandr Mitrofanovich, 1873-)

ROZENTRETER, B.A., doktor tekhn.nauk

Session of the Learned Council of the Institute of Mining
Engineering in the Academy of Sciences of the U.S.S.R. Ugol'
34 no.3:63 Mr '59. (MIRA 12:5)
(Mining engineering)

B.A. Rozenkrantz

14(5) PHASE I BOOK EXPLOITATION NOV/1944

Academiya nauk SSSR. Institut gornogo dela

Nauchnyye problemy razrabotki i razrabotki mestorozhdeniy polimetalnykh iakopayemykh (Scientific Problems of Developing and Exploiting Mineral Deposits) Moscow, Izd-vo AN SSSR, 1959. 333 p. 3,000 copies printed. Errata slip inserted.

Rezp. Ed.: M.V. Mal'nikov, Corresponding Member, USSR Academy of Sciences; Ed. of Publishing House: Yu.P. Vasil'yev; Tech. Ed.: P.S. Kashina.

PURPOSE: This book is intended for coal and ore mining engineers.

COVERAGE: The collection of articles reports on the results of scientific studies conducted by members of the Institute of Mining Industries of the AN SSSR on problems of developing and exploiting coal and ore deposits. The book is divided into two parts. Part I discusses the development and exploitation of coal deposits, the trends in developing underground and surface exploitation methods, the scientific basis and principles applied in selecting exploitation methods, the scientific basis and principles applied in selecting methods of the basic elements in the development and exploitation of coal in underground development, and the preparation and exploitation of coal. Part II is devoted to problems in the development and exploitation of ore deposits, the draining and mining method used in underground exploitation of deposits in the area of the IMA (Kursk Magnetic Anomaly), the open pit mining method used in exploiting the rich IMA ores, the determination of size of ore, and further ore dressing. The book is dedicated to Academician Lav Dmitriyevich Shevakov, mining engineer. The articles are accompanied by diagrams, tables, and bibliographic references.

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Koфeнтeкcт, 12.11

14(5)

PHASE I BOOK EXPLOITATION NOV/1944

Академия наук СССР, Институт горного дела

Методические проблемы разработки и разведки месторождений полезных ископаемых (Scientific Problems in Developing and Exploiting Mineral Deposits) Moscow, Izd-vo AN SSSR, 1959. 333 p. 3,000 copies printed. Errata slip inserted.

Resp. Ed.: M.V. Mel'nikov, Corresponding Member, USSR Academy of Sciences; Ed. of Publishing House: Yu.P. Vasil'yev; Tech. Ed.: P.S. Kashina.

PURPOSE: This book is intended for coal and ore mining engineers.

COVERAGE: The collection of articles reports on the results of scientific studies conducted by members of the Institute of Mining in the USSR on problems of developing and exploiting coal and ore deposits. The book is divided into two parts. Part I discusses the development and exploitation of coal deposits, the trends in the development and exploitation of coal deposits, the scientific bases and principles applied in selecting exploitation methods, the methods for different natural conditions, the data on the basic elements in the use of modern mechanized equipment in underground development, and the preparation and exploitation of coal. Part II is devoted to problems in the development and exploitation of ore deposits, the draining and mining methods used in underground exploitation of deposits in the area of the KMA (Kursk Magnetic Anomaly), the open pit mining method used in exploiting the rich KMA ore, the determination of size of ore, and further ore dressing. The book is dedicated to Academician Lev Dmitriyevich Shervakov, mining engineer. The articles are accompanied by diagrams, tables, and bibliographic references.

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SOV/180-59-1-2/29

AUTHORS: Skochinskiy, A.A. and Rozentrater, B.A.

TITLE: Lev Dmitriyevich Shevyakov (on his 70th birthday)
(k 70-letiyu so dnya rozhdeniya)

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Metallurgiya i toplivo, 1959, Nr 1, p 4-8 (USSR)

ABSTRACT: On the occasion of the 70th birthday of L.V. Shevyakov, the authors present a biographical sketch in which his teaching, research and organizational activities are outlined. Some of the people with whom he collaborated are named and some of the titles of his many publications are given. His main interests have been mining, especially of coal, and his services have been recognised by numerous awards and decorations.

Card 1/1

SOV/24-58-11-4/42
AUTHORS: Skochinskiy, A.A. and Rozentreter, B. A.
TITLE: Academician A. M. Terpigorev, on the occasion of his
85th birthday
PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh
Nauk, 1958, Nr 11, pp VI-VIII (USSR)
ABSTRACT: Brief description of the career and achievements of
this scientist who is well known in the field of
mining engineering. From 1950 onwards A. M. Terpigorev
has been a member of the Committee for Awarding Stalin
prizes and at present he is a member of the Mining-
Metallurgy Section of the Lenin Committee for awarding
prizes for science and engineering. The article
contains almost no information on his post-war activities.

Card 1/1

ROZENTRETER, Boris Aleksandrovich

ROZENTRETER, Boris Aleksandrovich - Academic degree of Doctor of Technical Sci, based on his defense, 6 May 1955, in the Council of the Inst of Mining, Acad Sci USSR, of his dissertation entitled: "Intensification of the Excavation of Coal and Higher Productivity of Labor in the Exploitation of the Thin, Sloped Strata of the Donbass." for the Academic Degree of Doctor of Sciences

SO: Byulleten' Ministerstva Vysshego Obrazovaniya SSSR, List No. 3, 4 February 1956
Decisions of the Higher Certification Commission Concerning Academic Degrees
and Titles.

JPRS/NY 554

ROZENTRETER, B. A.

Conference on the building of coal mining machinery. Ugol' 33
no. 7:44-45 J1 '58. (MIRA 11:7)
(Coal mining machinery)

ROZENTRETER, B.A.; CHURILOV, A.A.

Use of narrow-range equipment units in the Donets Basin. Ugol'
33 no.4:8-14 Ap '58. (MIRA 11:4)
(Donets Basin--Coal mining machinery)

TERPIGOREV, A.M., akademik; ROZENTRETER, B.A.; YEVNEVICH, A.V.

"Mine haulage abroad" by A.O.Spivakovskii. Reviewed by A.M.Terpigo-
rov; B.A. Rozentreter; A.V.Evnevich. Ugol' 31 no.12:44 D '56.
(Mine haulage) (Spivakovskiy, A.O.) (MLRA 10:2)

ROZENTRETER, B.A., doktor tekhnicheskikh nauk.

"Cutter-loaders" by A.S. Arkhangel'skii. Reviewed by B.A. Rozentreter.
Mekh.trud.rab. 11 no.3:47 Mr '57. (MLRA 10:5)
(Coal mining machinery)
(A.S. Arkhangel'skii)

ROZENTRETER, B.A.

Technical conferece in the Molotovugol' combine. Ugol' 32 no.2:45-
46 F '57. (MLRA 10:3)

(Coal mines and mining)

ROZENTRETER, B.A., doktor tekhnicheskikh nauk.

New mining systems. Ugol' 32 no.4:18-20 Ap '57.

(MIRA 10:5)

1. Institut gornogo dela Akademii nauk SSSR.
(Coal mines and mining)

USKOV, A.A.; ROZENTRETER, B.A.; GONCHAREVICH, I.F.

New developments in the over-all mechanization of stoping
operations in coal mines. Ugol'35 no.10:30-36 0'60.
(MIRA 13:10)

(Stoping (Mining)) (Coal mining machinery)

IDENTIFICATION

23241 Melodromy voprosy kompleksnoy mekhanizatsii ugledokryzhi. Investiya
abud. Nauk sssr, obd-niye tekhn. Nauk, 1940, No. 7, c. 103⁶-4⁶.

Sci. Lit. 1945, No. 31, 1945

600

ROZENTRETER¹⁴R8

1. LEVINA, S: ROZENTRETER, R.

2. USSR (600)

"Catalysis of Oxygen-Hydrogen Gas on Platinized Carbon in Solutions of Electrolytes." Moscow, Physico-Chemical Institute imeni Karnov, Department of Superficial Phenomena. Received 17 Jan 1939.

9. ■ Report U-1615, 3 Jan 1952.

(3)

Reaction between alumina and sodium sulfite. I. S. Lileev and R. G. Rozenreter. *Trudy Khim.-Metr. Inst. Akad. Nauk S.S.S.R., Zapadno-Sibirskii Filial* 1949, No. 3, 15-25. — The disson. of Na_2SO_3 was studied at 700-1200°. The reaction products are Na_2SO_4 , Na_2S , and SO_2 . In all cases, about 4-5% Na_2SO_3 remains; this indicates reversibility of the reaction. Thiosulfate was not detected. At 700-800°, the only reaction was $4\text{Na}_2\text{SO}_3 \rightleftharpoons 3\text{Na}_2\text{SO}_4 + \text{Na}_2\text{S}$. At 900° and above, this reaction proceeds simultaneously with $\text{Na}_2\text{SO}_3 \rightleftharpoons \text{Na}_2\text{O} + \text{SO}_2$. At 900 and 1000°, the disson. of the sulfite is very small, since less than 1% of SO_2 was detd. At 1100°, the SO_2 was 3.1% and at 1200° it was 18.3%. Reaction between Al_2O_3 and Na_2SO_3 (1:1) was studied at 800-1200°. Reaction products were SO_2 and S in the gas phase and Na aluminate, sulfate, sulfite, thiosulfate, and sulfide in the cake. Formation of SO_2 starts even at 800°, indicating formation of Na aluminate, although the rate of reaction is very small. The rate increases with temp. At 900°, the reaction requires 4 hrs.; at 1000° 30 min.; at 1100°, 20 min.; and at 1200°, less than 10 min. Formation of Na aluminate proceeds according to $\text{Na}_2\text{SO}_3 + \text{Al}_2\text{O}_3 = \text{Na}_2\text{O} \cdot \text{Al}_2\text{O}_3 + \text{SO}_2$. Formation of S proceeds according to $\text{Na}_2\text{S} + 2\text{SO}_2 = \text{Na}_2\text{SO}_4 + 2\text{S}$. B. Z. Kamich

ROZENTRETER, R. G.

Reaction between alumina and sodium sulfate and sodium sulfide. I. S. Lileev and R. G. Rozentreter. *Trudy Khim.-Mett. Inst. Akad. Nauk S.S.S.R., Zapadno-Sibirskii Filial* 1949, No. 3, 3-13. The following were sintered: (1) Al_2O_3 and Na_2SO_4 (1:1) at 1200-1300° in air and in N_2 ; (2) Al_2O_3 and Na_2S (1:1) at 960-1000° in N_2 ; and (3) Al_2O_3 and Na_2S (1:1) at 1000-1100° in the presence of carbon and in air. In (1), only 1.3-2.0% of Al_2O_3 became sol. In (2) and (3) the processes are rather complex owing to the presence of admixts. of Na_2SO_4 , Na_2SO_3 , and H_2O in

the Na_2S . These admixts. tend to react, directly or indirectly with Al_2O_3 to form Na aluminate. Most of Na_2S remained unchanged. No soln. of Al_2O_3 is attributed to the formation of Na aluminate as a result of secondary reactions in which water and Na_2SO_4 participate. B. Z. K.

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ROZENTRETER, R.G.; TKACHEVA, Z.S.; PAVLYCHEVA, A.I.; LILEYEV, I.S.

Sintering of sulfate-limestone charges. Trudy Khim.-met.inst.Sib.
otd.AN SSSR no.15:27-39 '60. (MIRA 14:6)
(Aluminum—Metallurgy) (Sintering)

ROZENTRETER, R.G.; TKACHEVA, Z.S.; GORYUNOVA, A.A.; LILEYEV, I.S.

Sintering of soda-sulfate-limestone charges. Trudy Khim.-met.inst.
Sib.otd.AN SSSR no.15:41-54 '60. (MIRA 14:6)
(Aluminum--Metallurgy) (Sintering)

ROZENTRETER, R.G.; TKACHEVA, Z.S.; BERSENEVA, N.S.

Studying the process of sintering bauxite-sulfate charges in a
rotary furnace reduction-oxidation medium. Trudy Khim.-met.inst.
Sib. otd. AN SSSR no. 15: 131-144 '60. (MIRA 14:6)
(Bauxite) (Sintering)

LILEYEV, I.S.; ROZENTRETER, R.G.; AVDEYEVA, T.I.

Chemism of the sintering process of sulfate-containing aluminum
charges. Trudy Khim.-met.inst.Sib.otd.AN SSSR no.15:11-25 '60.
(MIRA 14:6)

(Aluminum—Metallurgy) (Chemistry, Metallurgic)

LILEYEV, I.S.; ROZENTRETER, R.G.; AVDEYEVA, T.I.; TKACHEVA, Z.S.; MOROZOV, G.S.

Pilot-plant testing of the sulfate-limestone method of preparing
alumina from Salair bauxites. Trudy Khim.-met.inst.Sib.otd.AN SSSR.
no.15:81-89 '60. (MIRA 14:6)
(Salair Ridge—Bauxite) (Alumina)

ROZENTRETER, R.G.; GORYUNOVA, A.A.

Preparation of alumina and lye by means of sintering bauxites with sodium sulfate in conditions of reduction-oxidation roasting.

Trudy Khim.-met.inst.Sib.otd.AN SSSR no.15:121-129 '60.

(MIRA 14:6)

(Bauxites) (Sintering)

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AUTHORS: Rozentreter, R. G., Goryunova, A. A.
TITLE: Production of aluminum oxide and alkalis by sintering
bauxites and potassium sulfate in redox calcination (under
laboratory conditions)
PERIODICAL: Referativnyy zhurnal. Khimiya, no. 14, 1961, 375, abstract
14K121. (Tr. Khim.-metallurg. in-ta. Sib. otd. AN SSSR, 1960,
vyp. 15, 121-129)

TEXT: Sinters containing water-soluble alumina in an amount close to the
theoretical one can be produced by sintering sulfate and soda - sulfate
charges (without limestone) from bauxites of different compositions and
from sulfurous bauxites in a redox atmosphere. The charge composition
($\text{Na}_2\text{SO}_4 + \text{Na}_2\text{CO}_3 : \text{Al}_2\text{O}_3 = 1.1 - 1.2$) and the sintering conditions were
determined. Sinters produced by sintering bauxite - sulfate,
bauxite - soda - sulfate and bauxite - soda charges practically contain
equal quantities of soluble alumina. In this case, sintering in redox

Card 1/2

ROZENTRETER, R.G.; BERSENEVA, N.S.; GORYUNOVA, A.A.

Sintering of aluminum silicates with limestone and a reducing agent in a pilot plant rotary furnace. Izv.Sib.otd.An SSSR no.2: 61-67 '61. (MIRA 14:3)

1. Khimiko-metallurgicheskiy institut Sibirskogo otdeleniya AN SSSR, Novosibirsk.
(Aluminum silicate) (Limestone) (Sintering)